

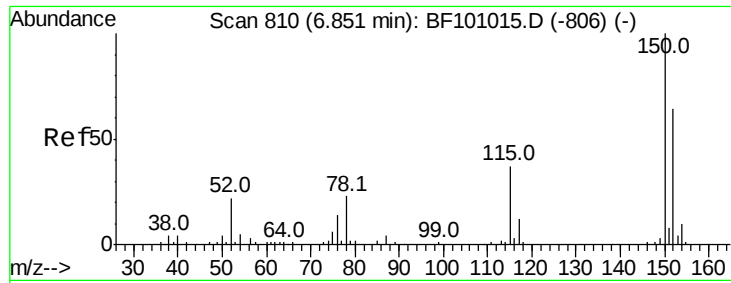
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101111.D
 Acq On : 4 Dec 2017 21:09
 Operator : SJ/JU
 Sample : I6671-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:24:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53204	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208691	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94452	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	154210	20.00	ng	0.00
75) Chrysene-d12	14.02	240	111847	20.00	ng	0.00
86) Perylene-d12	15.49	264	99445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	426940	132.60	ng	0.01
7) Phenol-d6	6.49	99	517316	132.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	310503	88.76	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	118639	104.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	614887	89.07	ng	0.00
78) Terphenyl-d14	12.96	244	447077	87.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	9426	3.940	ng	82
10) Phenol	6.50	94	22065	5.076	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	41439	15.741	ng	# 80
25) Isophorone	7.42	82	310498	51.960	ng	# 64
49) Dimethylphthalate	9.60	163	35960	4.721	ng	98
50) 2,6-Dinitrotoluene	9.89	165	11946	7.446	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11946	5.556	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	7648	4.431	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

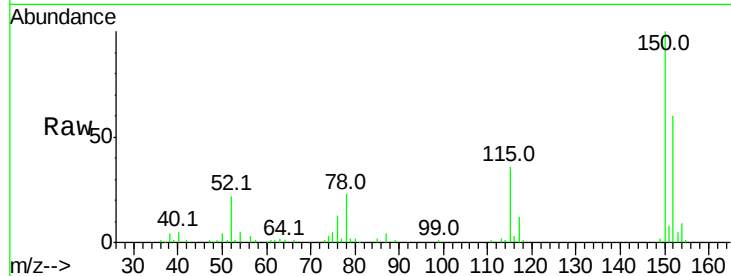


#1

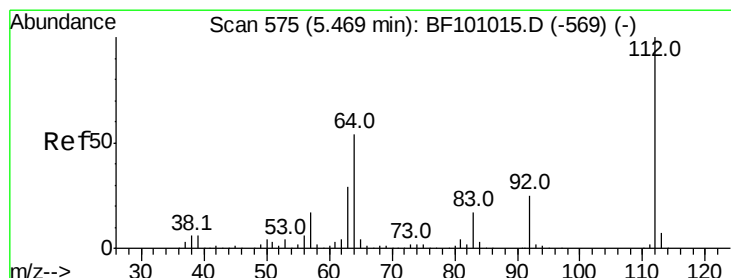
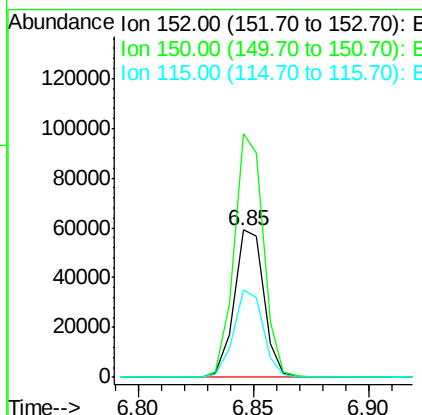
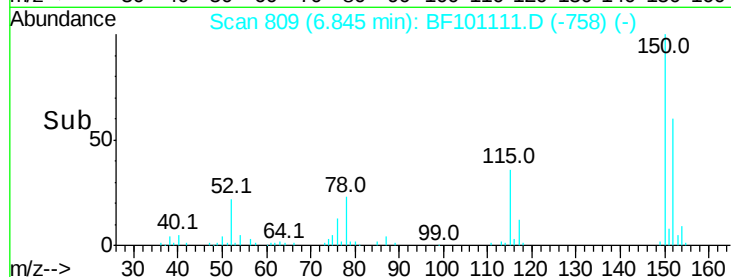
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53204
Ion Ratio Lower Upper
152 100
150 165.4 124.6 186.8
115 59.6 50.1 75.1



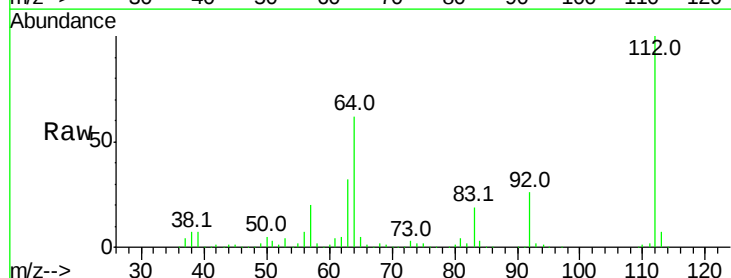
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



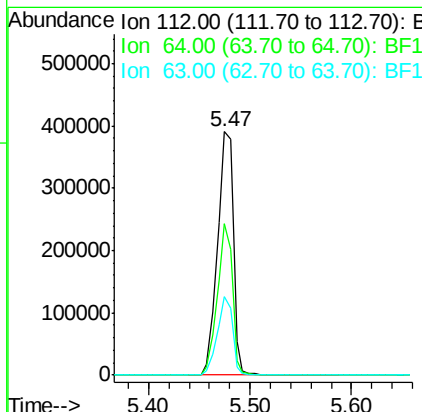
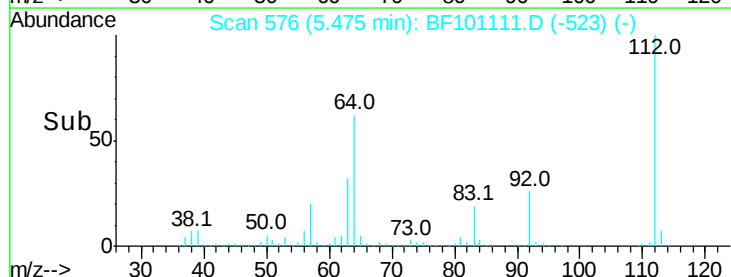
#5

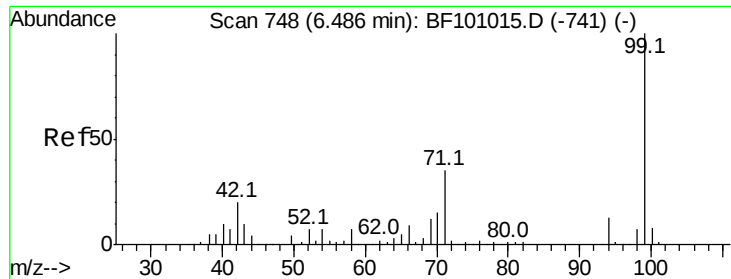
2-Fluorophenol
Concen: 132.602 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Tgt Ion:112 Resp: 426940
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 132.338 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101111.D

Acq: 4 Dec 2017 21:09

Instrument :

BNA_F

ClientSampleId :

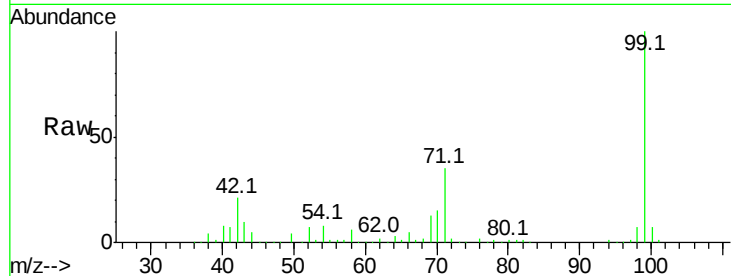
Tot Ion: 99 Resp: 517316

Ion Ratio Lower Upper

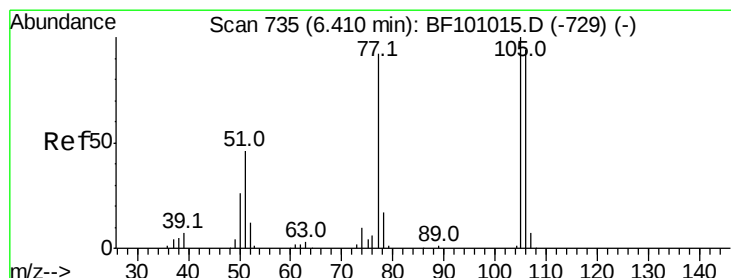
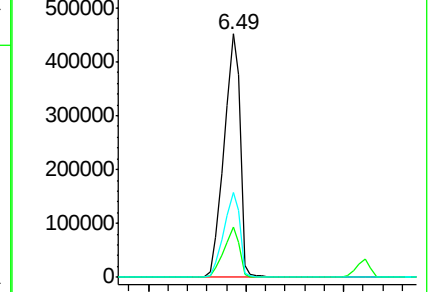
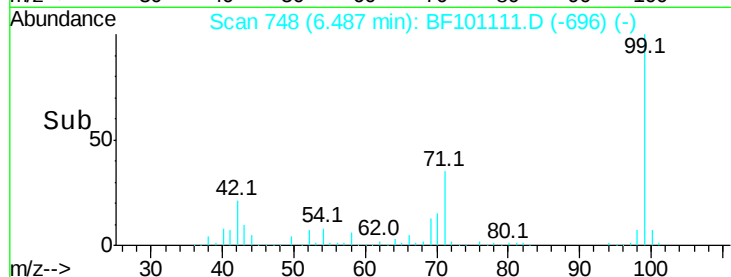
99 100

42 20.8 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.940 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101111.D

Acq: 4 Dec 2017 21:09

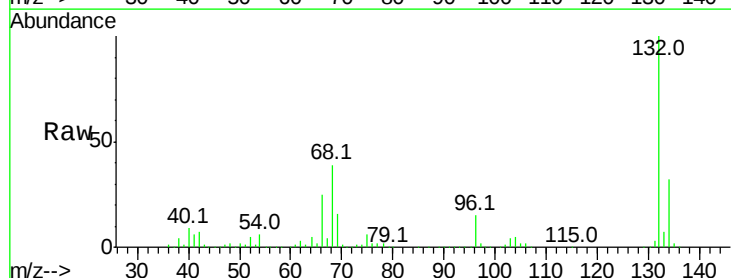
Tgt Ion: 77 Resp: 9426

Ion Ratio Lower Upper

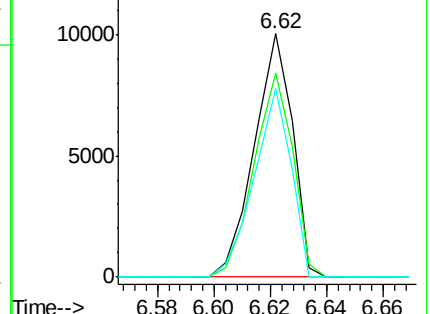
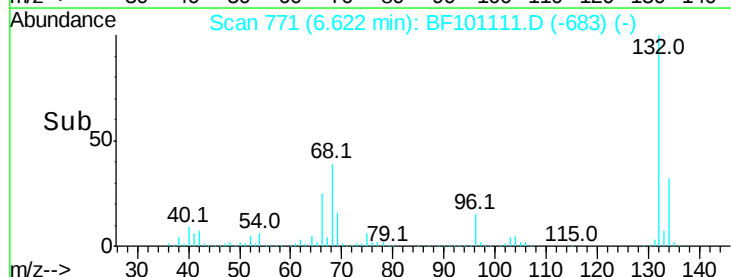
77 100

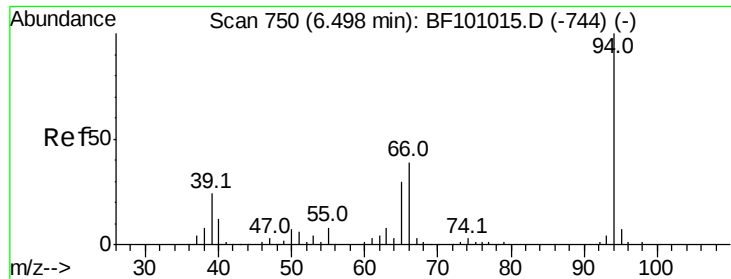
105 83.6 81.1 121.1

106 77.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

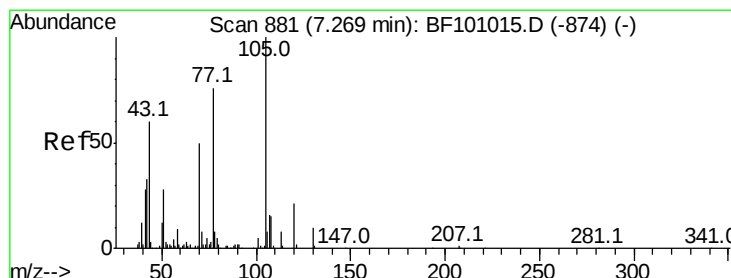
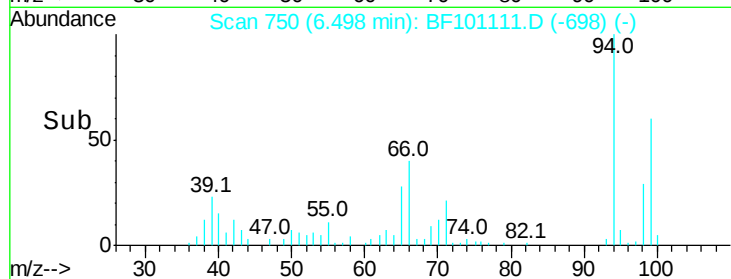
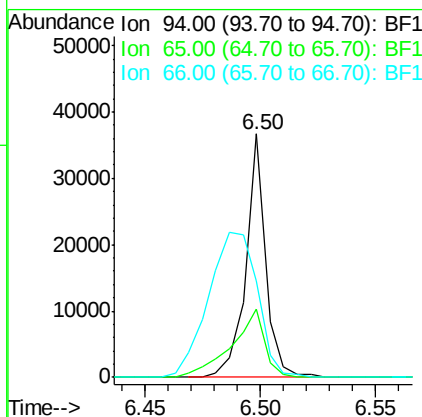
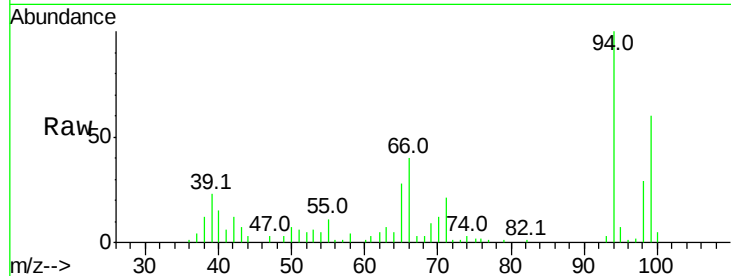




#10
Phenol
Concen: 5.076 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

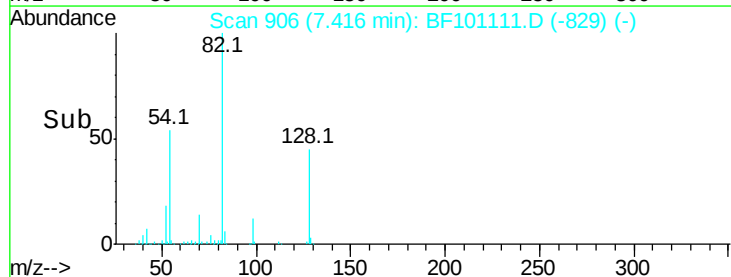
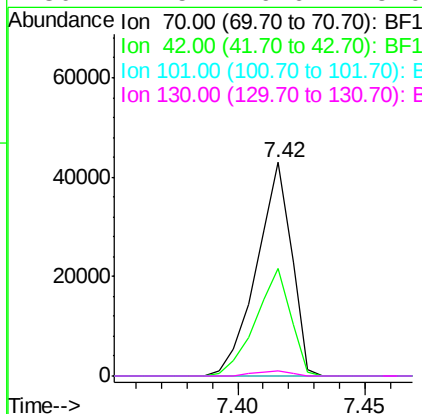
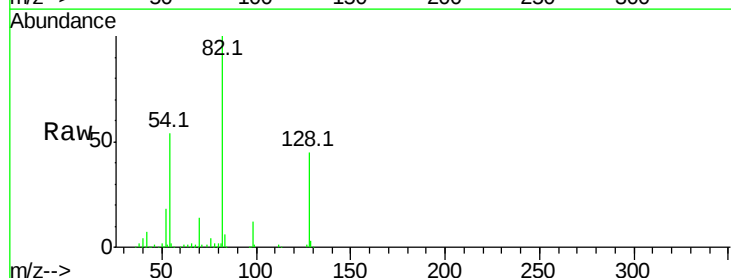
Instrument :
BNA_F
ClientSampled :

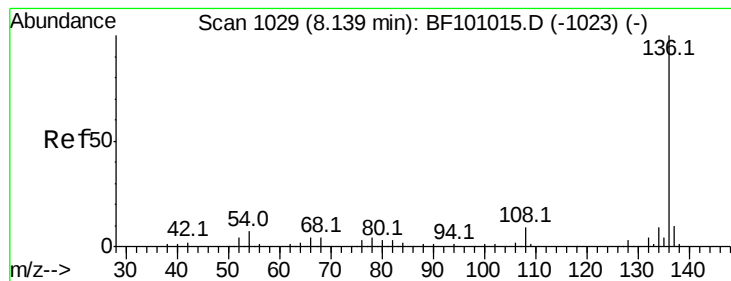
Tot Ion: 94 Resp: 22065
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 39.7 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.741 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Tgt Ion: 70 Resp: 41439
Ion Ratio Lower Upper
70 100
42 50.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

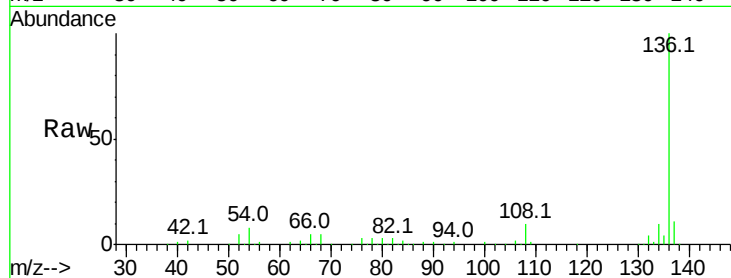




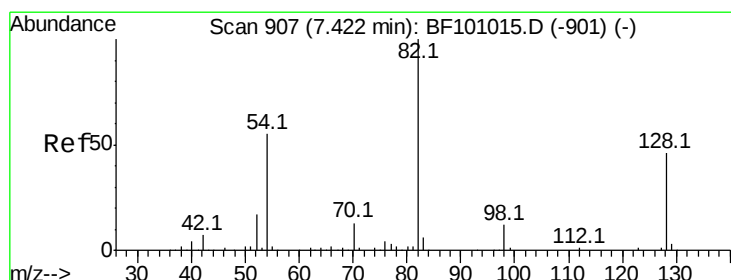
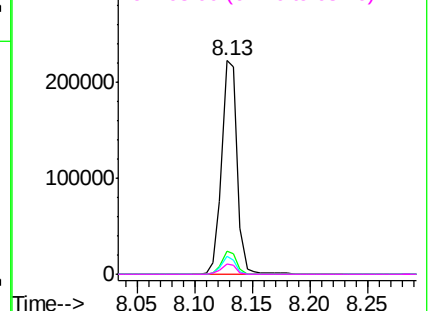
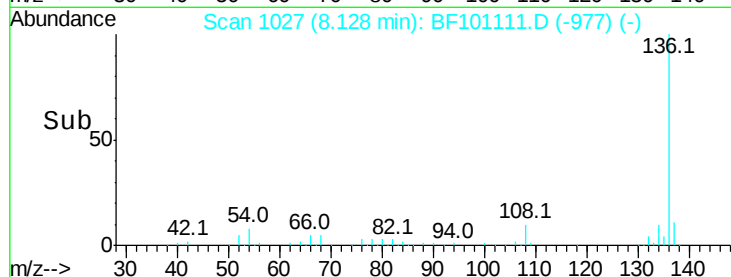
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	208691
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	5.1	5.0	7.4

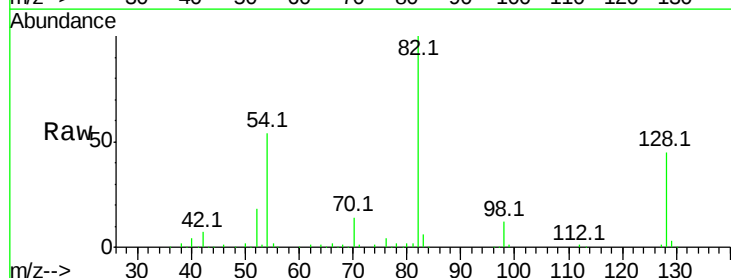


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

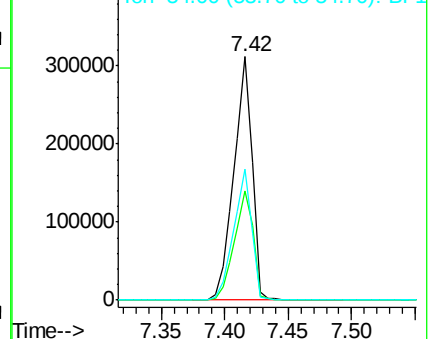
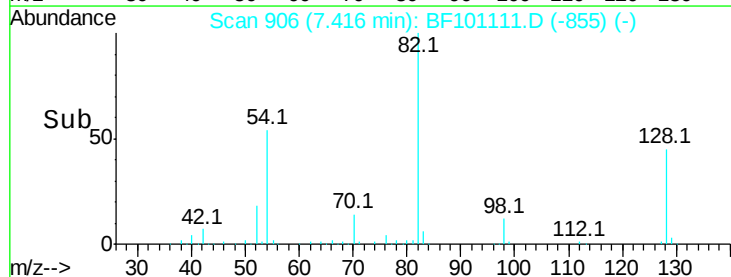


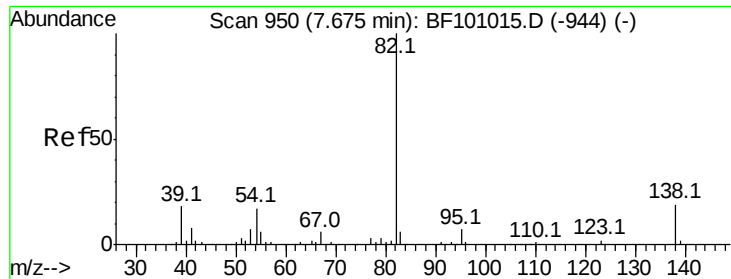
#23
Nitrobenzene-d5
Concen: 88.756 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Tgt Ion:	82	Resp:	310503
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

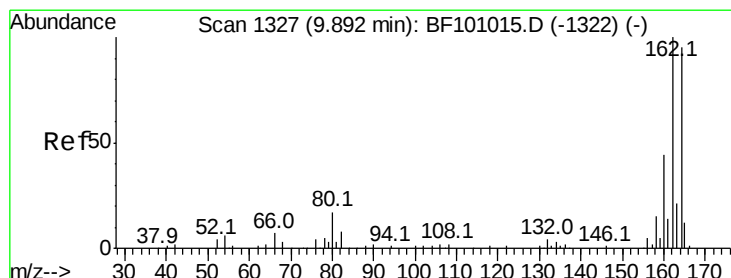
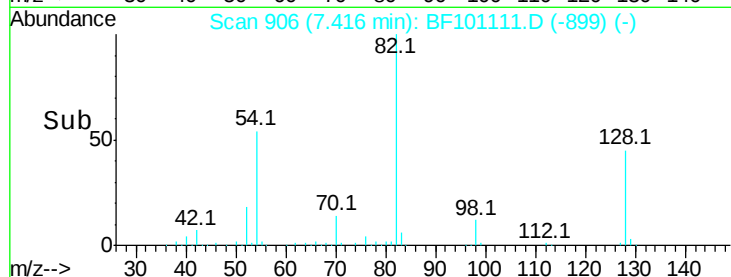
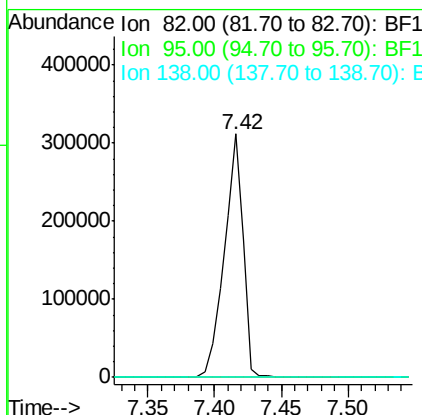
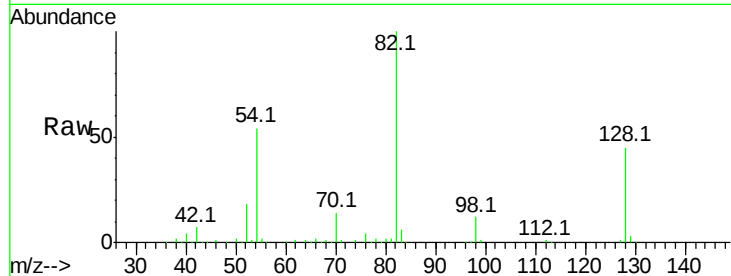




#25
Isophorone
Concen: 51.960 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

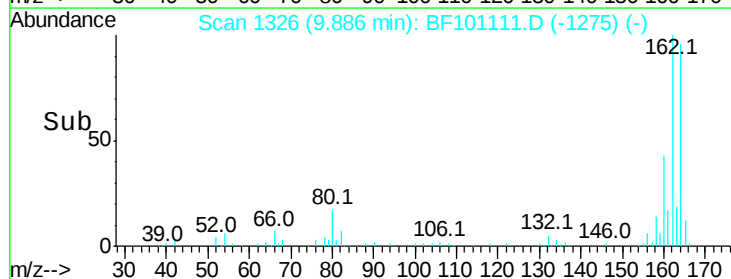
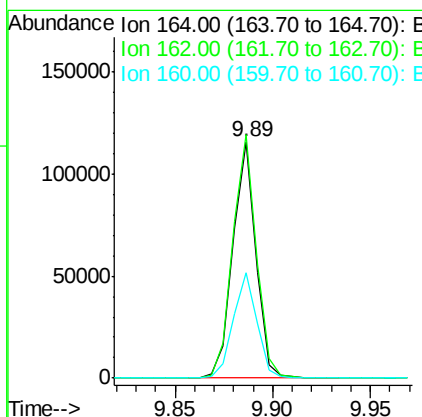
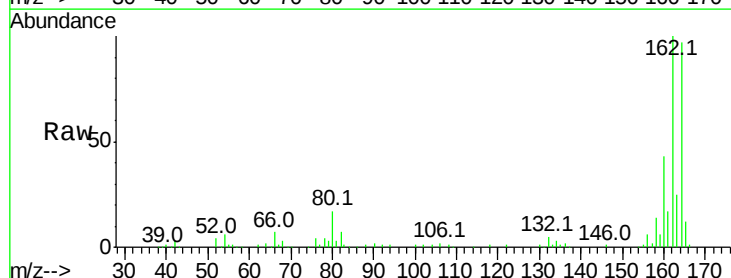
Instrument :
BNA_F
ClientSampleId :

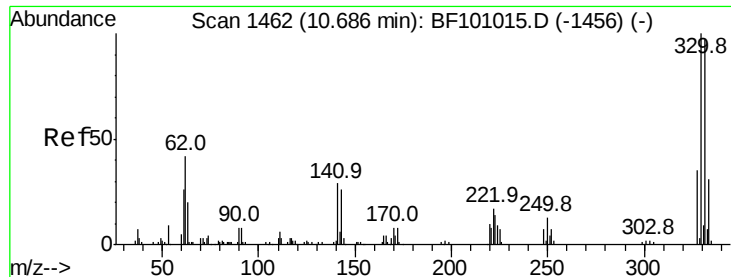
Tot Ion: 82 Resp: 310498
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Tgt Ion:164 Resp: 94452
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.7 38.3 57.5

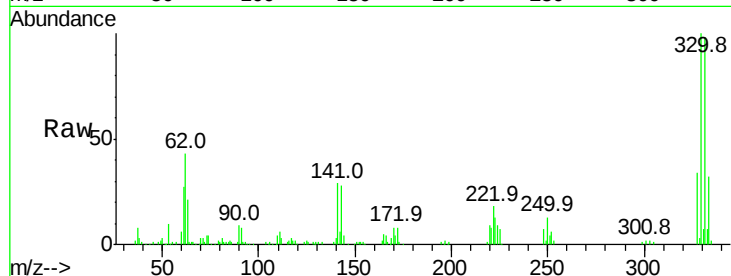




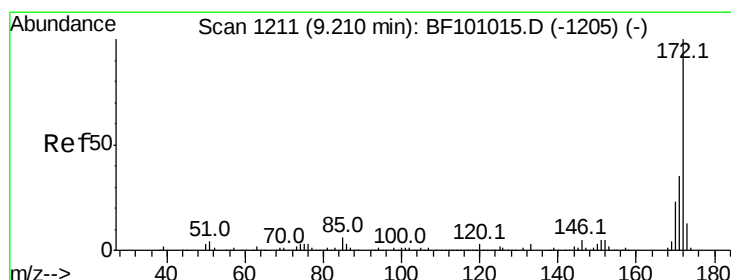
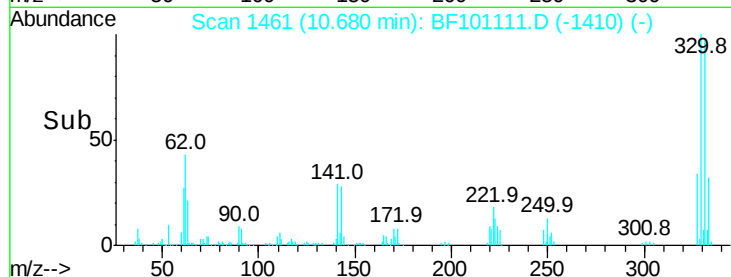
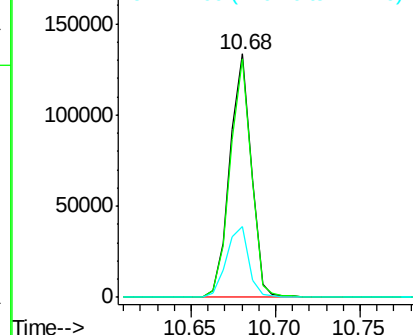
#41
 2,4,6-Tribromophenol
 Concen: 104.561 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.4	29.9	44.9

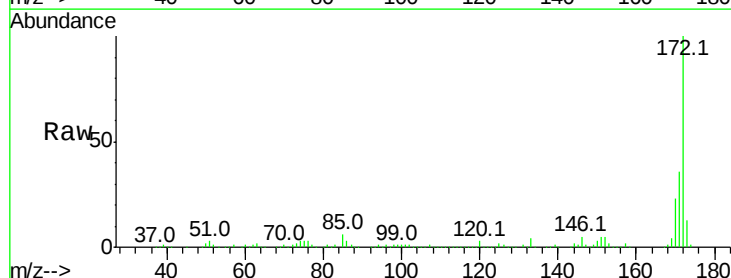


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

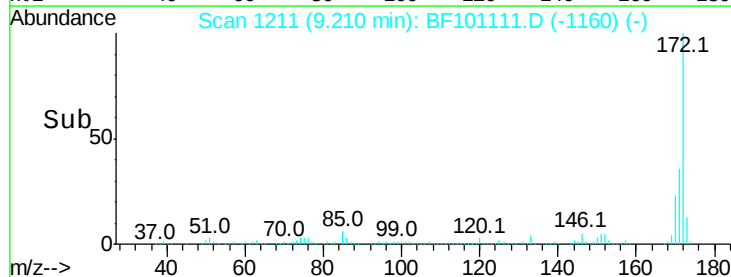
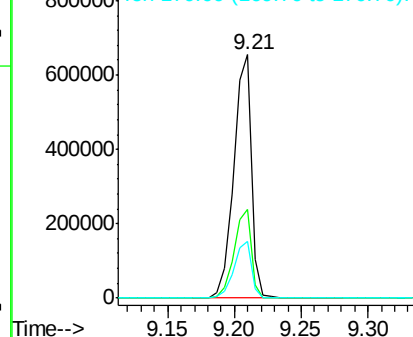


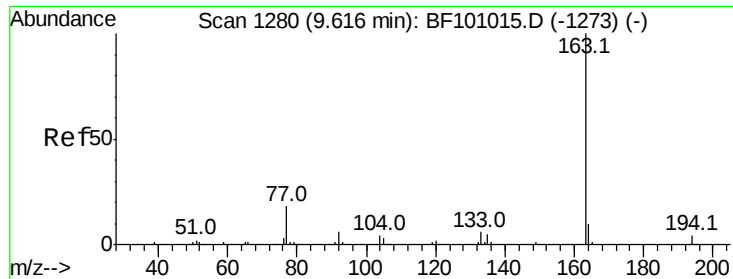
#44
 2-Fluorobiphenyl
 Concen: 89.070 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

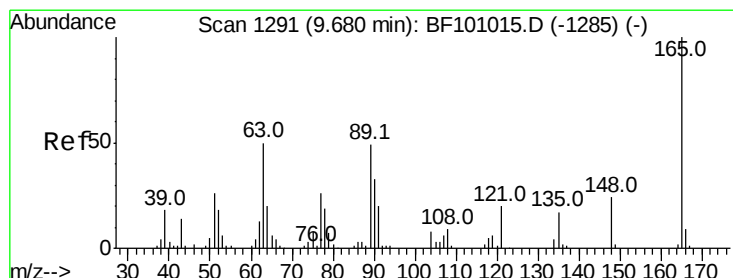
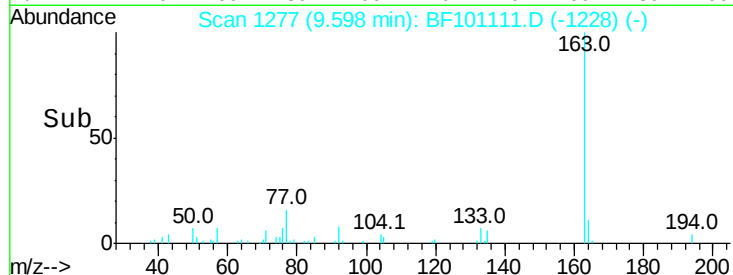
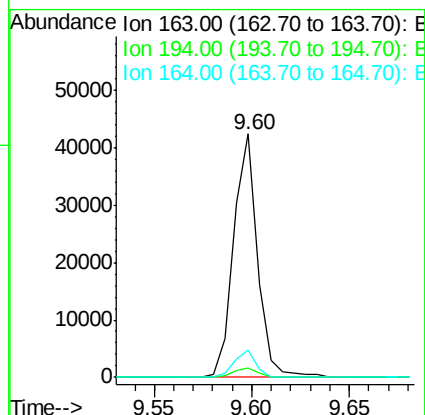
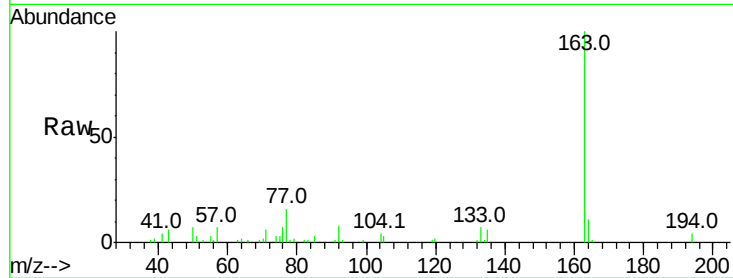




#49
Dimethylphthalate
Concen: 4.721 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

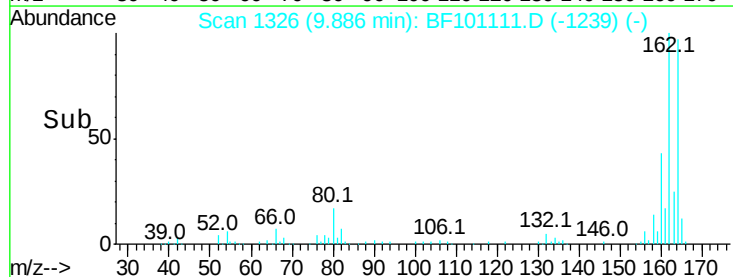
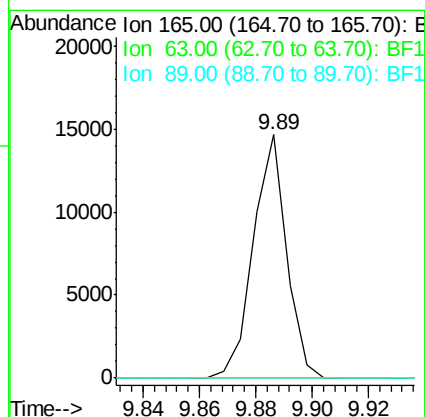
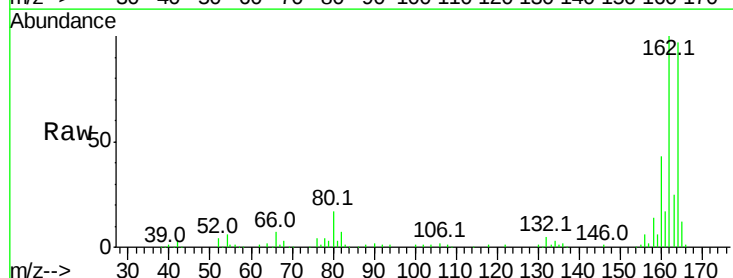
Instrument :
BNA_F
ClientSampleId :

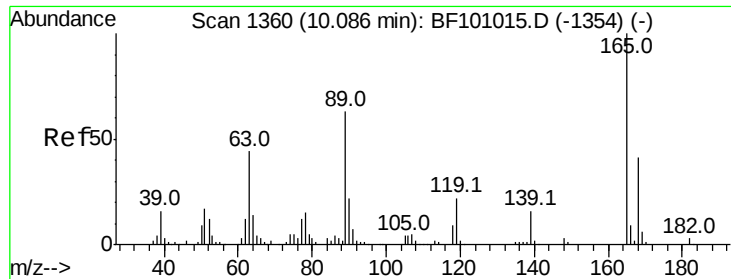
Tot Ion:163 Resp: 35960
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.446 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101111.D
Acq: 4 Dec 2017 21:09

Tgt Ion:165 Resp: 11946
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

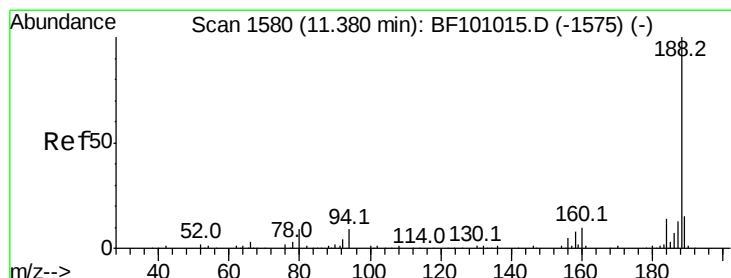
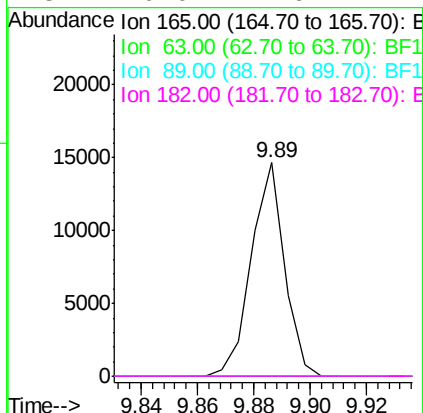
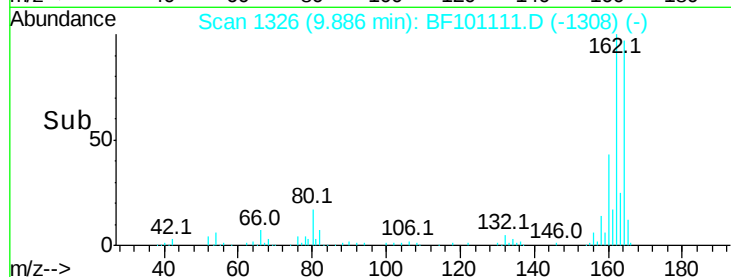
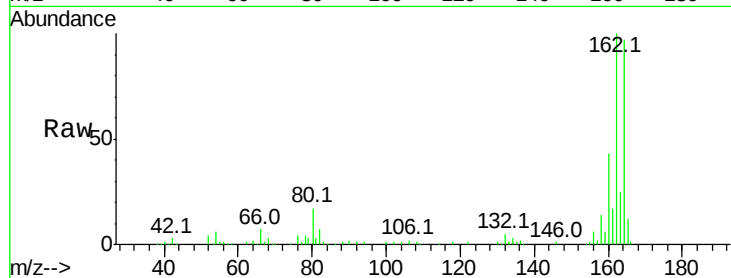




#56
 2,4-Dinitrotoluene
 Concen: 5.556 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

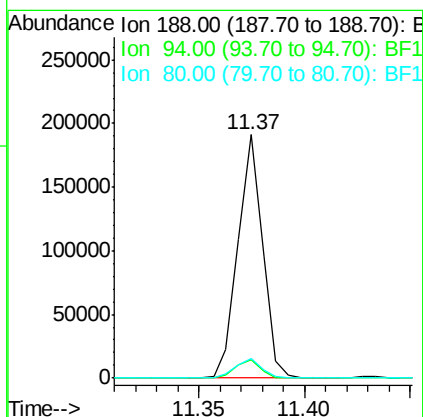
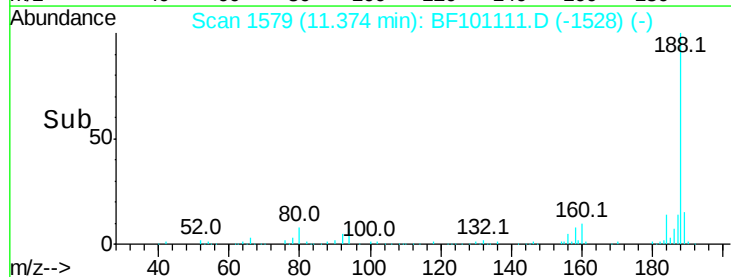
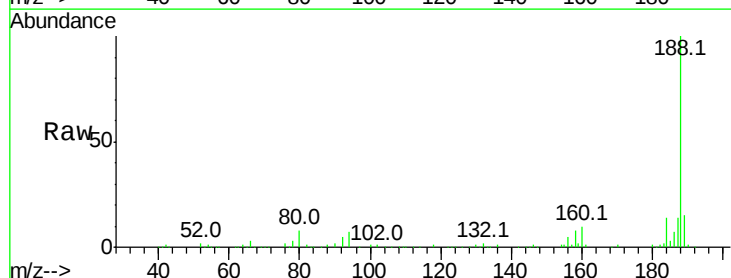
Instrument :
 BNA_F
 ClientSampleId :

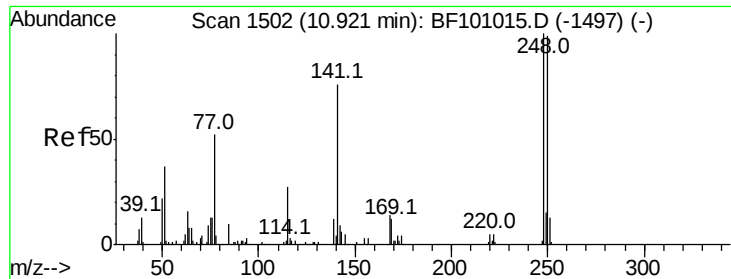
Tot Ion:165	Resp:	11946
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

Tgt Ion:188	Resp:	154210
Ion Ratio	Lower	Upper
188	100	
94	7.4	8.5 12.7#
80	8.2	9.2 13.8#

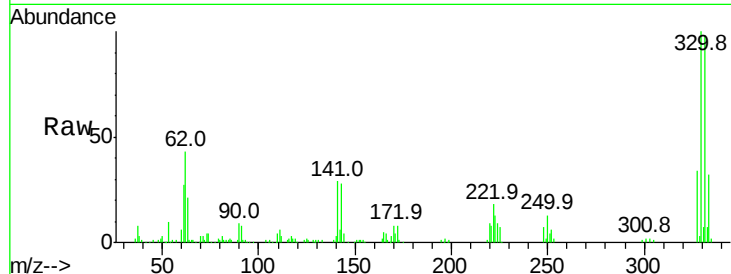




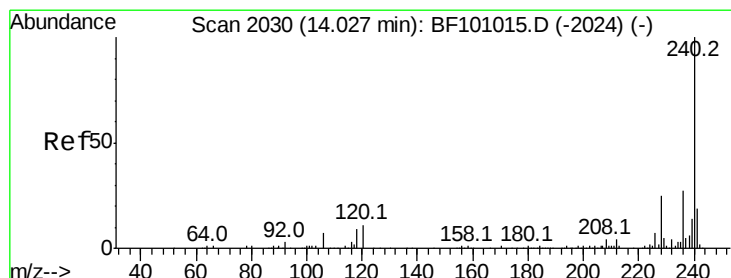
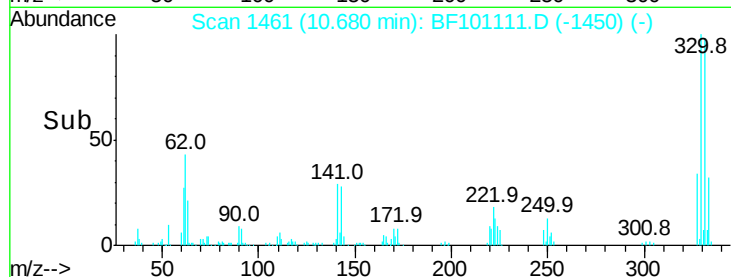
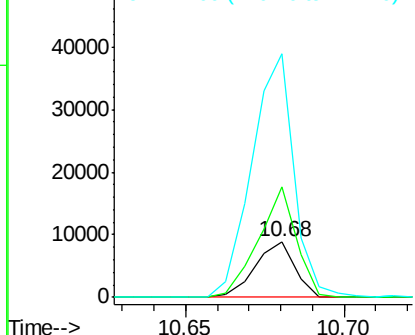
#66
 4-Bromophenyl-phenylether
 Concen: 4.431 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7648
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.9 115.3#
 141 438.0 74.4 111.6#

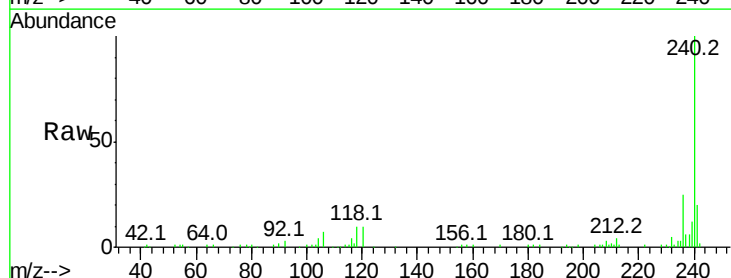


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

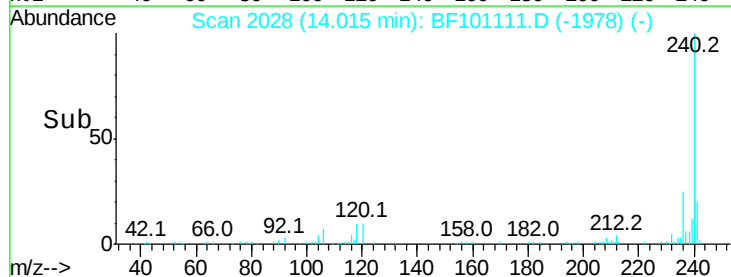
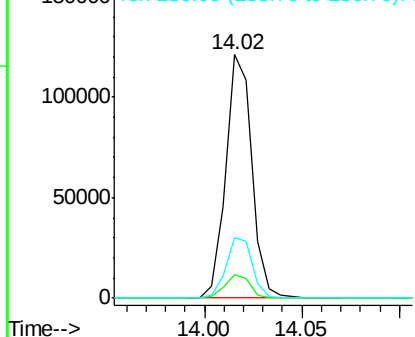


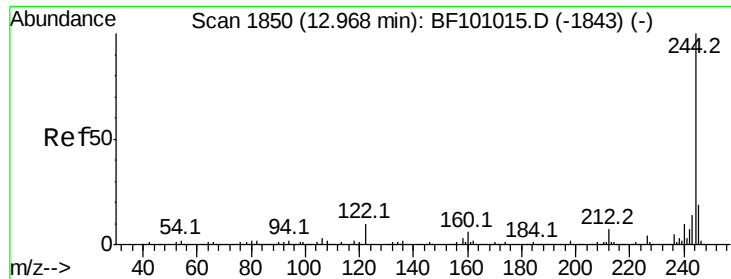
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101111.D
 Acq: 4 Dec 2017 21:09

Tgt Ion:240 Resp: 111847
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 24.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.430 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101111.D

Acq: 4 Dec 2017 21:09

Instrument :

BNA_F

ClientSampleId :

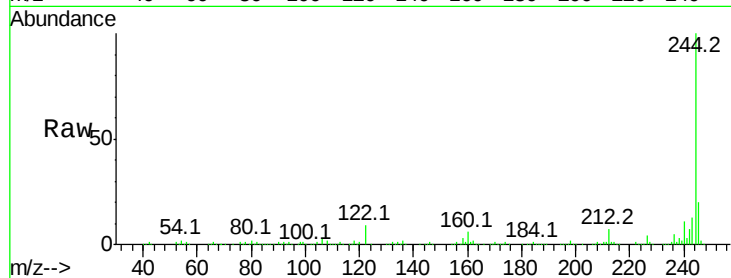
Tot Ion:244 Resp: 447077

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

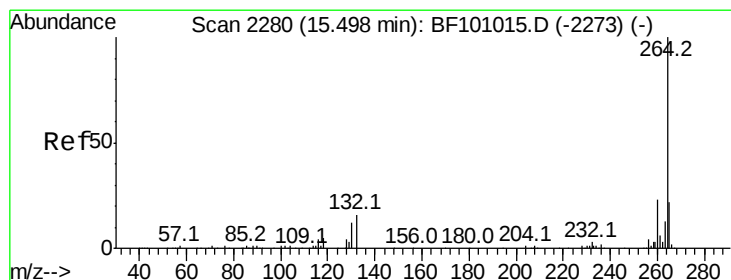
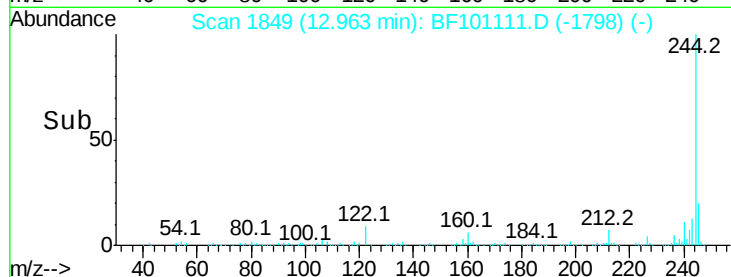
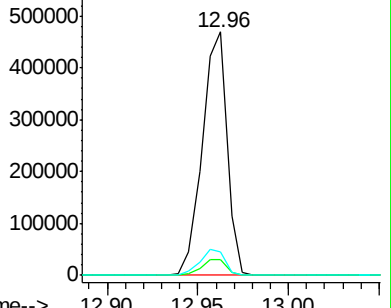
122 9.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101111.D

Acq: 4 Dec 2017 21:09

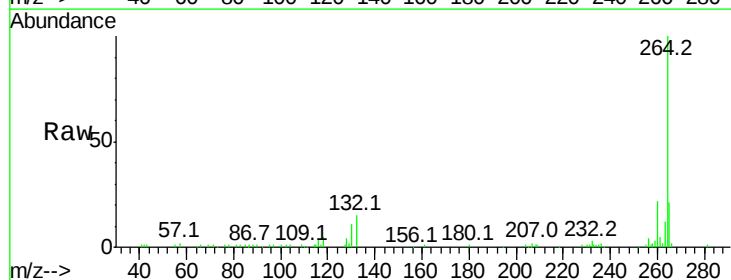
Tgt Ion:264 Resp: 99445

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

